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PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> |   | Application Number     | 10/749,335      |
|  |   | Filing Date            | 12/31/03        |
|  |   | First Named Inventor   | Nichani, Sanjay |
|  |   | Art Unit               | 2613            |
|  |   | Examiner Name          | Not Known       |
| Total Number of Pages in This Submission   | 4 | Attorney Docket Number | C03-001 CIP     |

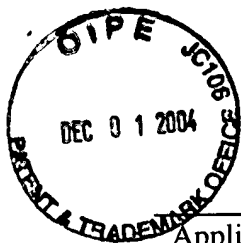
| ENCLOSURES (check all that apply)   |   |   |
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| <div>Remarks</div>  |   |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |
|--|---|
| Firm or Individual name                    | Cognex Corporation → Arthur J. O'Dea, Reg. No. 42,952 |
| Signature                                  |   |
| Date                                       |   |

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| Typed or printed name   | Cheryl Sloane |      |          |
| Signature   |               | Date | 11/24/04 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Nichani et al.

Serial No.: 10/749,335

Filed: 12/31/03

Title: **Method and apparatus for  
monitoring a passageway using 3D  
images**

Group Art Unit:

2613

Examiner:

Not Known

Attorney Docket No.: C03-001 CIP

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

This Information Disclosure Statement is submitted:

X under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international  
application; or before mailing date of first office action on the merits; whichever  
occurs last)

\_\_\_ under 37 CFR 1.97(c) together with either a:  
\_\_\_ Statement under 37 CFR 1.97(e), or  
\_\_\_ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before final action or notice of  
allowance, whichever occurs first)

\_\_\_ under 37 CFR 1.97(d) together with a:  
\_\_\_ Statement under 37 CFR 1.97(e), and  
\_\_\_ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but  
before payment of the issue fee)

X Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together  
with copies, of patents, publications or other information of which applicant(s) are aware, which  
applicant(s) believe(s) may be material to the examination of this application and for which there  
may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

Please also be advised that the following related application are also co-pending:

10/388,925 Filed 3/14/03

10/702,059 Filed 11/5/03

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

I hereby certify that this Correspondence is being deposited with the United States Postal service with sufficient postage for first class mail in an envelope address to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or the correspondence is being facsimile transmitted to the USPTO, on the date indicated below.

Date of Deposit: 11/24/04

Typed Name: Cheryl Sloane

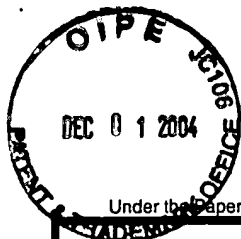
Signature: 



Arthur J. O'Dea  
Attorney/Agent for Applicant(s)  
Reg. No. 42952

Date: 11/24/2004

Telephone No.: 508-650-3108



PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                |
|------------------------|----------------|
| Application Number     | 10/749,335     |
| Filing Date            | 12/31/03       |
| First Named Inventor   | Nichani et al. |
| Art Unit               | 2613           |
| Examiner Name          | Not Known      |
| Attorney Docket Number | C03-001 CIP    |

Sheet

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of

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**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
|                       |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       |                          | US-3,727,034                               | 04-10-1973                     | Pope   |   |
|                       |                          | US-4,000,400                               | 12-28-1976                     | Elder  |   |
|                       |                          | US-4,303,851                               | 12-01-1981                     | Mottier  |   |
|                       |                          | US-4,799,243                               | 01-17-1989                     | Zepke  |   |
|                       |                          | US-4,847,485                               | 07-11-1989                     | Koelsch  |   |
|                       |                          | US-5,201,906                               | 04-13-1993                     | Schwarz et al.                                     |   |
|                       |                          | US-5,519,784                               | 05-21-1996                     | Vermeulen et al.                                   |   |
|                       |                          | US-5,581,625                               | 12-03-1996                     | Connell  |   |
|                       |                          | US-5,866,887                               | 02-02-1999                     | Hashimoto et al.                                   |   |
|                       |                          | US-6,081,619                               | 06-27-2000                     | Hashimoto et al.                                   |   |
|                       |                          | US-  |                                |  |   |
|                       |                          | US-  |                                |  |   |
|                       |                          | US-  |                                |  |   |
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|                       |                          | US-  |                                |  |   |
|                       |                          | US-  |                                |  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|-----------------------|--------------------------|---|--------------------------------|--|---|----------------|
|                       |                          | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                       |                          | EP 0 847 030 A2   | 06-10-1998                     | Massimo Boninsegna                                 |   |                |
|                       |                          | EP 0 847 030 A3   | 12-01-1999                     | Massimo Boninsegna                                 |   |                |
|                       |                          | EP 0 706 062 B1   | 05-23-2001                     | Phuc, Nguyen-Xuan                                  |   |                |
|                       |                          | WO 96/38820   | 12-05-1996                     | Mayor Limited                                      |   |                |
|                       |                          | WO 98/08208   | 02-26-1998                     | Football Limited                                   |   |                |
|                       |                          |   |                                |  |   |                |
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Examiner  
SignatureDate  
Considered

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